**Index of Claims** 



Application/Control No.

10/668,491

Examiner

Date

Michael J. Feely

Applicant(s)/Patent under Reexamination

WEINBERG ET AL.

Art Unit

1712

| √ | Rejected |
|---|----------|
| = | Allowed  |

| 1 | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| Ļ | Restricted                     |

Claim

| N | Non-Elected  |
|---|--------------|
| 1 | Interference |

| A | Appeal   |  |  |  |  |  |
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| 0 | Objected |  |  |  |  |  |

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|----------|----------------------|----------------|---------|---------|--|----------|---------------------------------------|--|----------|--------------|
| Cla      | im                   | _              |         |         |  | Date     | •                                     |  |          |              |
| Final    | Original             | 11/14/05       | 3/15/06 | 8/19/06 | 3/14/07  | 6/26/07  | 7/25/07                               | ,  |          |              |
|          | 1                    | +              | N       | N       |  |          | -                                     |  |          |              |
|          | 2<br>3<br>4<br>5     | +              | N       | N       |  | _        | -                                     |  |          |              |
|          | 3                    | +              | N       | N       | -  | -        | -                                     |  |          |              |
|          | 4                    | +              | N       | N       | _  | _        | 1                                     |  |          |              |
|          | 5                    | +              | N       | N       | -  | -        | -                                     |  |          |              |
|          | 6                    | +              | N       | N       | -  | -        | _                                     | -  |          |              |
|          | 7                    | +              | N       | N       | -  | -        | -                                     |  |          |              |
|          | 8                    | +              | N       | N       | _  | -        | _                                     | П  |          |              |
|          | 9                    | +              | N       | N       | -  | _        | _                                     |  |          |              |
|          | 10                   | +              | N       | N       |  |          | -                                     |  |          |              |
|          | 11                   | +              | N       | N       | -  |          | _                                     |  | <b>-</b> | -            |
|          | 12                   | +              | N       | N       |  |          | _                                     |  | T        | $\vdash$     |
|          | 12<br>13<br>14<br>15 | +              | N       | N       | Ι=   | <b> </b> | _                                     |  |          |              |
|          | 14                   | +              | N       | N       | -  | -        | -                                     | <u> </u>   |          | H            |
|          | 15                   | +              | N       | N       | -  | Ι_       | _                                     | <b>!</b>   |          | $\vdash$     |
|          | 16                   | +              | N       | N       |  |          |                                       |  | Т        |              |
|          | 16<br>17             | +              | N       | N       | _  | -        | _                                     |  | Т        | $\Box$       |
|          | 18                   | +              | N       | N       | <del> </del>                                     | -        | _                                     |  |          | <b></b>      |
|          | 19                   | +              | N       | N       | -  | Ι_       | -                                     | $\vdash$   | $\vdash$ |              |
|          | 20                   | +              | N       | N       | Ι_   | =        | -                                     | ┪  | T        | $\vdash$     |
|          | 21                   | +              | N       | N       | -  | -        | -                                     | ┢  | -        | <del> </del> |
|          | 22                   | +              | N       | N       | -  | -        | _                                     | ┪  | H        | $\vdash$     |
|          | 23                   | +              | N       | N       | -  |          | _                                     | ├-   | ╁        | ┢            |
|          | 24                   | +              | N       | N       | +-   | Ι_       | _                                     |  | ╁        | $\vdash$     |
|          | 24<br>25             | +              | N       | N       | <del> </del>                                     | -        | _                                     | $\vdash$   | ╁┈       | <del> </del> |
|          | 26                   | +              | N       | N       | -  | ΙΞ       | _                                     | $\vdash$   | $\vdash$ |              |
|          | 27                   | +              | N       | N       | -  | -        |                                       | ⊢  | ╁╌       | <del> </del> |
|          | 28                   | +              | N       | N       | =  | -        |                                       | ┢  | $\vdash$ |              |
|          | 29                   | +              | 1       | 1       | 1  | 1        | √                                     | ├  | ┢        |              |
|          | 30                   | +              | V       | V       | 1  | V        | 1                                     |  | $\vdash$ |              |
|          | 31                   | +              | 1       | 1       | 1  | 1        | 1                                     | -  | ┢        |              |
|          | 32                   | +              | 1       | ┪       | 1  | 1        |                                       | $\vdash$   | ├        |              |
|          | 33                   | +              | 1       | 1       | 1  | 1        | 1                                     | $\vdash$   | ┢        |              |
|          | 34                   | +              | N       | V       | 1  | 1        | 1                                     | $\vdash$   | $\vdash$ | ├            |
|          | 35                   |                | N       | 1       | 1  | 1        | V                                     | <del> </del>                                     | +        | <del> </del> |
|          | 36                   | +              | 1       | 1       | 1  | V        | 1                                     | ├-   | ╁        |              |
|          | 37                   | +              | 1       | 1       | 1  | 1        | 1                                     | $\vdash$   | -        | ├            |
| ļ        |                      | -              | 1       | 1       | 1  |          |                                       | $\vdash$   | -        | <del> </del> |
|          | 38<br>39             | +              | N       | 1       | 1  | 1        | 1                                     | $\vdash$   | $\vdash$ | ├—           |
|          | 40                   | -              | _       | +       | -  |          | <del>.</del>                          | Ͱ  | ╁        | -            |
|          | 41                   | +              | N       | 1       | 1  | 1        | 1                                     | -  | $\vdash$ | ├            |
|          | 41                   | +              | N       | 1       | 1  | 1        | V                                     | -  | $\vdash$ |              |
|          | 43                   | +              | N       | 1       | 1  | 1        | 7                                     | ├-   | $\vdash$ | $\vdash$     |
|          | 44                   | +              | N       | 1       | 1  | V        | V                                     | ├—   | $\vdash$ | $\vdash$     |
|          | 45                   | +              | V       | 1       | 1  | 1        | 1                                     | $\vdash$   | -        | ├            |
|          | 46                   | +              | V       | 1       | 1  | 1        | V                                     | <del>                                     </del> | $\vdash$ | $\vdash$     |
|          | 47                   | +              | 1       | 1       | 1  | V        | 1                                     | 1  | ┼─       | $\vdash$     |
| <u> </u> | 48                   | +              | 1       | 1       | 1  | 1        | 1                                     | $\vdash$   | $\vdash$ | -            |
|          | 49                   | +              | V       | 1       | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \            | 1        | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | -  | $\vdash$ | $\vdash$     |
|          | 50                   | <del> </del> - | ╀       | ۲       | <del>                                     </del> | \ \ \    | <u> </u>                              | -  | -        | ├—           |
|          |                      |                |         |         |  |          |                                       |  |          |              |

|  | 910      |  | _            |            |   |                | -        | <u> </u>  | _        | _   | -        |     |
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| and the final state of the second described the final second seco | Final    | Original   |              |            |   |                |          |   |          |   |          |     |
|  |          | 51   |              |            | H   |                |          |   |          |   | -        |     |
| +  |          | 52   |              |            | $\vdash$  |                |          |   |          |   | $\dashv$ |     |
| -  |          | 52   | _            | _          | ⊢   | _              | _        | -   | _        |   |          |     |
|  |          | 53   | _            |            | $\vdash$  | $\vdash$       | _        | -   |          | -   |          |     |
| Ġ,   |          | 54   |              |            | <u> </u>  |                |          |   |          |   |          |     |
| 1  |          | 55   |              | _          | <u> </u>  |                |          |   |          |   |          |     |
|  |          | 56   |              | <u> </u>   | <u> </u>  |                |          |   |          |   | _        |     |
| Pi   |          | 57   |              |            |   |                |          |   |          |   |          |     |
| 373  |          | 58   |              |            |   |                |          |   |          |   |          | ľ   |
| į  |          | 59   |              | l .        |   |                |          |   |          |   |          | l   |
|  |          | 60   |              |            |   |                |          |   |          |   |          | ١   |
|  |          | 61   |              |            |   |                |          |   |          |   |          | ŀ   |
|  |          | 62   |              |            |   |                |          |   |          |   |          | ŀ   |
|  |          | 63   |              |            |   |                |          |   |          |   |          | ľ   |
| J,   |          | 64   |              |            |   |                | Т        | -   |          |   |          |     |
|  |          | 51<br>52<br>53<br>54<br>55<br>56<br>57<br>58<br>59<br>60<br>61<br>62<br>63<br>64<br>65<br>66<br>67<br>70<br>71<br>72<br>73<br>74<br>75<br>76<br>77<br>78<br>80<br>81<br>82<br>83<br>84<br>85<br>86<br>86<br>87<br>88<br>89<br>80<br>80<br>80<br>80<br>80<br>80<br>80<br>80<br>80<br>80 |              |            |   |                |          |   |          |   |          | l   |
| . 4  |          | 66   |              | _          | -   |                | $\vdash$ | H   |          |   |          | l   |
| 4  |          | 67   | <del> </del> |            |   |                | $\vdash$ | <u> </u>  | _        |   |          | l   |
|  |          | 68   | ┢            | -          | $\vdash$  | $\vdash$       | _        | -   | ┢        |   | $\vdash$ | l   |
| ŕ  |          | 69   | -            | -          | 1   | H              | $\vdash$ |   |          |   |          | *** |
| 4  |          | 70   | -            | -          | -   |                | -        | -   |          |   |          | ŀ   |
|  | -        | 71   | -            | -          | ├   | ┝              | ┝        | -   | —        | $\vdash$  | $\vdash$ | l   |
| 7.   |          | 72   | ┢            | $\vdash$   | -   | <del> </del> — |          | -   |          | -   |          |     |
| 1  | -        | 72   | ┝            | ├          | ┝   | ⊢              | ⊢        |   | _        | $\vdash$  |          | l   |
| 1  |          | 74   | _            | $\vdash$   |   |                | -        |   | _        |   |          | ŀ   |
|  |          | 75   | ┝            | 1—         | -   | _              | <u> </u> |   |          | -   |          | l   |
| , á  | <u> </u> | 76   | -            | -          | ⊢   | ┝              | -        |   |          | $\vdash$  |          | l   |
|  |          | 70   | $\vdash$     | $\vdash$   | ├-  | -              | -        |   | _        | _   | H        | ŀ   |
|  |          | 70   | -            | -          | H   | ⊢              |          |   | ⊢        |   | _        | l   |
| - :  |          | 70   | -            | ├-         | ⊢   | $\vdash$       |          |   | $\vdash$ |   | <u> </u> | ŀ   |
|  |          | 79   | ⊢            | <u> </u>   | $\vdash$  | <del> </del>   | <u> </u> |   | <u> </u> |   | _        | l   |
|  | L        | 80   |              | _          | _   | <u> </u>       |          |   | L.       | L   | _        | l   |
|  |          | 81   | _            | _          | _   |                |          |   |          |   | <u> </u> | ŀ   |
|  |          | 82   | <b>!</b>     | L          | ļ   | <u> </u>       | _        | _   | _        |   | _        | ļ   |
|  |          | 83   | Ŀ            |            |   | _              |          |   |          |   | <u> </u> | Į   |
|  |          | 84   |              | <u> </u>   | $ldsymbol{ldsymbol{ldsymbol{eta}}}$   | _              |          |   | _        |   | L        | l   |
| - 4  |          | 85   | _            |            | L   |                |          | <u> </u>  |          |   | L        | l   |
|  |          | 86   | <u> </u>     |            | _   | L              |          | _   | L_       |   | _        | l   |
|  |          | 87   |              |            | _   |                | <u> </u> | _   | <u>_</u> |   | _        | l   |
|  | L        | 87<br>88   | _            | L.         | L   |                |          |   |          |   | L        | ľ   |
| 4  |          | 89   |              |            |   |                |          |   | L        |   | _        | l   |
| (A)  |          | 90<br>91   | L            |            | L   | _              |          |   |          |   |          | l   |
|  |          | 91   |              |            | L   |                |          | $ldsymbol{ld}}}}}}$ |          |   |          | l   |
|  |          | 92<br>93   | _            | _          | _   | _              |          |   |          |   | _        | l   |
|  | <u> </u> | 93   | _            |            |   |                |          |   |          |   | <u>L</u> | 1   |
| î.   |          | 94   | <u></u>      | <u>L</u> . | L   |                |          |   |          | $ldsymbol{ld}}}}}}}}}$ | L        |     |
| Tu   |          | 95   |              | _          | $ldsymbol{ld}}}}}}$ | <u>L</u>       |          |   |          |   | <u> </u> | l   |
|  |          | 96   | otacluster   | L          | L.,   | <u> </u>       |          |   |          |   | $\Box$   | ١   |
|  |          | 97   |              |            | L   | <u></u>        |          |   | _        | L   |          | ١   |
|  | L        | 98   | oxdot        | ļ          |   | L              | _        |   | ட        | $oxedsymbol{oxed}$  |          |     |
| H  |          | 99   | _            | L          | L   | <u> </u>       | <u> </u> |   |          | Ш   |          | I   |
|  |          | 100  |              |            |   |                |          |   |          |   |          | ŀ   |

| Claim         Date           E         D           D         0           101         0           102         0           103         0           104         0           105         0           106         0           107         0           108         0           109         0           110         0           111         0           112         0           113         0           114         0           115         0           116         0           117         0           118         0           119         0           120         0           121         0           122         0           123         0           126         0           127         0           128         0           130         0           131         0           132         0           133         0           134         0           135  |          |
|---|----------|
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| 102<br>103<br>104<br>105<br>106<br>107<br>108<br>109<br>110<br>111<br>112<br>113<br>114<br>115<br>116<br>117<br>118<br>119<br>120<br>121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130<br>131<br>132<br>133<br>134<br>135<br>136<br>137  |          |
| 102<br>103<br>104<br>105<br>106<br>107<br>108<br>109<br>110<br>111<br>112<br>113<br>114<br>115<br>116<br>117<br>118<br>119<br>120<br>121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130<br>131<br>132<br>133<br>134<br>135<br>136<br>137  |          |
| 106<br>107<br>108<br>109<br>110<br>111<br>112<br>113<br>114<br>115<br>116<br>117<br>118<br>119<br>120<br>121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130<br>131<br>132<br>133<br>134<br>135<br>136<br>137  |          |
| 106<br>107<br>108<br>109<br>110<br>111<br>112<br>113<br>114<br>115<br>116<br>117<br>118<br>119<br>120<br>121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130<br>131<br>132<br>133<br>134<br>135<br>136<br>137  |          |
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| 108   109   110   111   112   113   114   115   116   117   118   119   120   121   122   123   124   125   126   127   128   129   130   131   132   133   134   135   136   137   137   136   137   137   137   137   138   136   137   136   137   137   137   138   136   137   136   137 |          |
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| 120<br>121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130<br>131<br>132<br>133<br>134<br>135<br>136   |          |
| 127<br>128<br>129<br>130<br>131<br>132<br>133<br>134<br>135<br>136  |          |
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